

Converting Colors

Hex(3A2C11)

Have a look what the booklet for
Hex(3A2C11) contains.

Hex(3A2C11)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A2C11)

Conversions

Conversions Part 1

Format	Color
Hex	3A2C11
RGB	58, 44, 17
RGB Percent	23%, 17%, 7%
CMY	0.7725, 0.8275, 0.9333
CMYK	0.00, 0.24, 0.71, 0.77
HSL	40°, 55%, 15%
HSV	40°, 71%, 23%
XYZ	2.7468, 2.7414, 0.9147
YIQ	45.1080, 17.0110, -5.4290

Conversions

Conversions Part 2

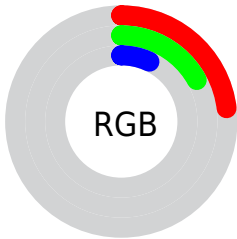
Format	Color
RYB	38, 58, 17
Decimal	3812369
CIELab	18.98, 2.68, 19.64
CIELCh	19, 19.817, 82.241
Yxy	2.7414, 0.4290, 0.4282
Android (android.graphics.Color)	4282002449 (0xFF3A2C11)
YUV	45.1080, -13.8572, 11.3063
Hunter-Lab	16.5571, 0.6378, 8.3146

Details


The Hex color **3A2C11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **111F3A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6B593C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A2A0B**, and if you desaturate by 10%, it is **3A2E17**.

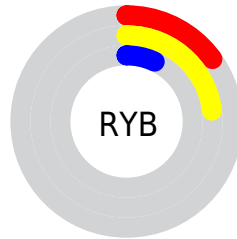
Distribution



 Red (23%)

 Green (17%)

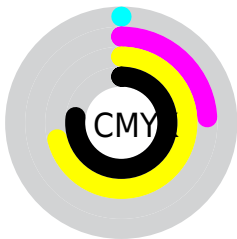
 Blue (7%)




 Red (15%)

 Yellow (23%)

 Blue (7%)

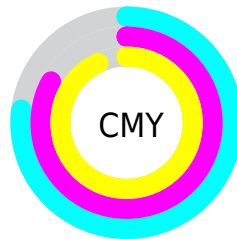



 Cyan (0%)


 Magenta (24%)

 Yellow (71%)

 Black (77%)



 Cyan (77%)

 Magenta (83%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2C11 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3A2C11 by changing the saturation by 10% instead.

■ 3A2C11

■ 3A2C11

■ FFFFF3

■ 241700

■ 6B593C

■ 000000

■ 857253

■ 9F8B6C

■ BBA685

■ D7C19F

■ F3DCBA

■ FFF9D6

■ 3A2C11

■ 3A2C11

■ 3A2A0B

■ 3A2E17

■ 3A2805

■ 3A301D

■ 3A2600

■ 3A3222

■ 3A3428

■ 3A362E

■ 3A3834

■ 3A3A3A

■ 3A3C3F

■ 3A3E45

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



442718



3A2C11



2C3113

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A2C11



003539



3C2640

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3A2C11



111F3A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



292C49



3A2C11



003444

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3A2C11



01352A



0B314A



472232

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3A2C11



213318



0B314A



372843

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3A2C11



4D473C



3A111F



26231D



A6A6A6



262626

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3A2C11



4D360B



343A11



1C1B19



5C3C00



DB9000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



111F3A



0B224D



17113A



191A1C



001F5C



004BDB

Previews

White Background



This preview shows how the Hex color 3A2C11 looks on a white background.

Color Contrast Check

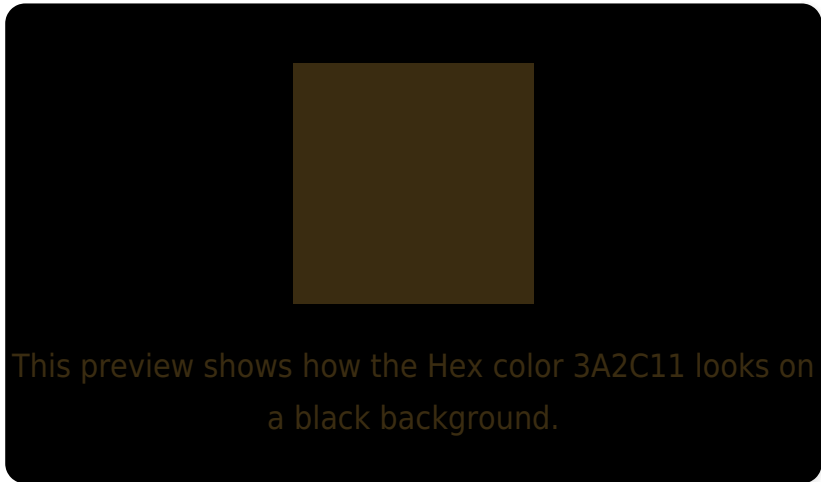
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

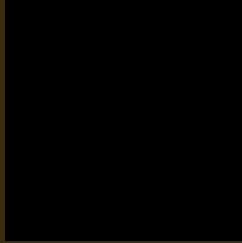
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A2C11 Background



This preview shows how black text looks on a background with the Hex color 3A2C11.

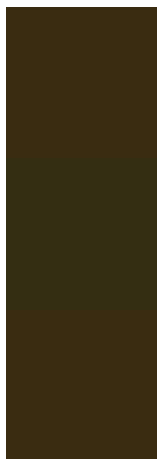


This preview shows how white text looks on a background with the Hex color 3A2C11.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
3A2C11

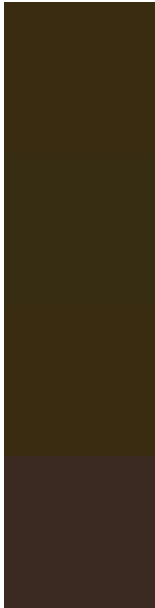
Protanopia
34E12

Deuteranopia
3A2C11



Tritanopia
3C292C

Trichromacy



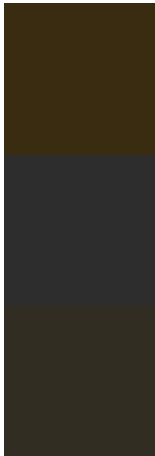
Original Color
3A2C11

Protanomaly
362D12

Deuteranomaly
3A2C11

Tritanomaly
3B2A22

Monochromacy



Original Color
3A2C11

Achromatopsia
2D2D2D

Achromatomaly
322D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2C11 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3A2C11 looks like.

```
.text, #text, p{  
    color:#3A2C11  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3A2C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2C11
}
```

Border

The CSS property to change the border of an element to Hex 3A2C11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2C11 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3A2C11 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3A2C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2C11; -webkit-box-shadow:4px 4px  
4px 4px #3A2C11; box-shadow:4px 4px 4px  
4px #3A2C11 }
```

Background

The CSS property to change the background color of an element to Hex 3A2C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2C11 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3A2C11 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor